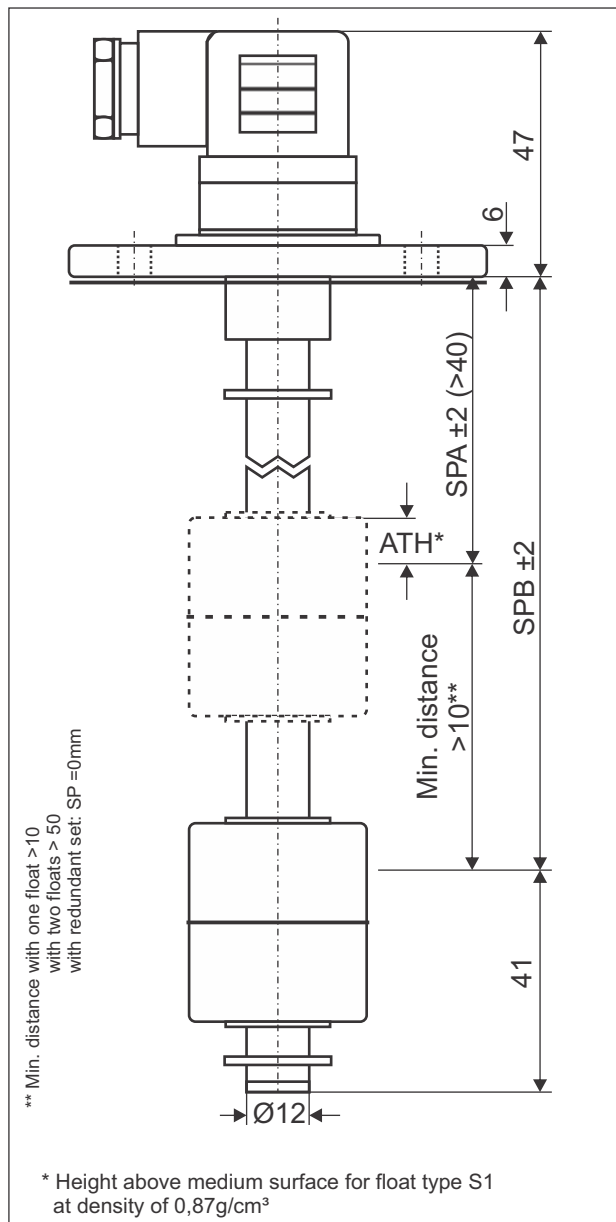


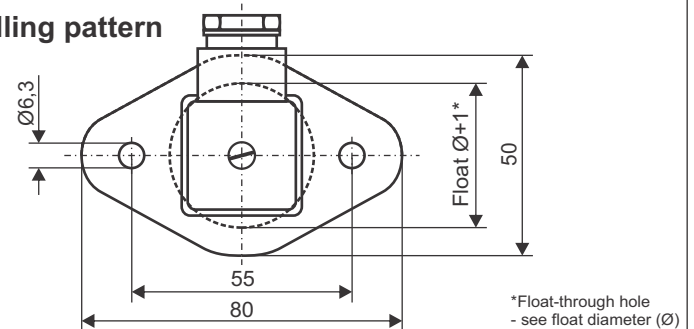
Data sheet

Float switch brass design 5 in combination with temperature switch

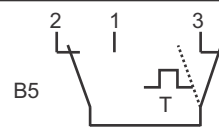
Type: SSM...5...T...



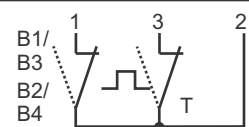
Drilling pattern



Examples for terminal diagrams



1 x change-over contact + t. switch
e.g. Order key:
SSM.1.B5.180.5.S1.T60S



1x n.o. contact/n.c. contact + t. switch
e.g. Order key:
SSM.1.B3.200.5.S1.T70S

Order key

	Example	SS	M.	2.	B3.	500.	5.	S1.	T700
Float switch		└─┘	└─┘	└─┘	└─┘	└─┘	└─┘	└─┘	└─┘
Tube M - brass			└─┘	└─┘	└─┘	└─┘	└─┘	└─┘	└─┘
No. of contacts (max. 1)				└─┘	└─┘	└─┘	└─┘	└─┘	└─┘
B - switching point B (SPB) (designation with 1 contact)					└─┘	└─┘	└─┘	└─┘	└─┘
Switching functions:									
1 - closes on level rise				└─┘	└─┘	└─┘	└─┘	└─┘	└─┘
2 - opens on level rise				└─┘	└─┘	└─┘	└─┘	└─┘	└─┘
3 - closes on level drop				└─┘	└─┘	└─┘	└─┘	└─┘	└─┘
4 - opens on level drop				└─┘	└─┘	└─┘	└─┘	└─┘	└─┘
5 - change-over contact				└─┘	└─┘	└─┘	└─┘	└─┘	└─┘
500 - switching point B e.g. SPB3 = 500mm					└─┘	└─┘	└─┘	└─┘	└─┘
5 - design						└─┘	└─┘	└─┘	└─┘
S1 - float - see technical data							└─┘	└─┘	└─┘
T...O - temperature switch n.c. contact Example: T700 = switching point 70°C								└─┘	└─┘
T...S - temperature switch n.o. contact									└─┘

Technical data

Connection:	plug-type connector 3-pole + PE, DIN EN 175301-803 (DIN 43650), material PA
Mounting:	oval-flange 80x50mm, material PA
Seal:	material NBR
Tube:	$\varnothing 12mm$, material brass, length $\pm 1mm$ acc. to customer specification
Float:	$\varnothing 35x40mm$, material PP, type S1
Switching points:	reed contacts, max. 1x n.o. contact/n.c. contact or 1x change-over contact
Temperature switch:	bi-metal, switching function: n.c. contact / n.o. contact temperature range: $60^{\circ}C$ to $140^{\circ}C$ precision: $\pm 5^{\circ}C$, smaller tolerances on request reset-temperature: temp.-switching point $-30^{\circ}C \pm 15^{\circ}C$
Switching voltage, current, capacity:	230 VAC, 1A, 60VA
Pressure:	atmospheric
Operating temperature:	$-20^{\circ}C$ to $80^{\circ}C$ in medium; $-20^{\circ}C$ to $70^{\circ}C$ above mounting
Protection rating:	IP 65